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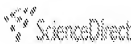

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...The domain, grid system and boundary conditions...25 and (b) airflow speed: 13.9ms<sup>-1</sup>. Fig. 8...scoop at airflow speed of 11.25ms<sup>-1</sup>. (a...a) With various tip speed ratios and...the reference wind speed and hot-wire anemometry...onto a traversing system was used to measure...outlet. The hot-wire anemometer was calibrated before...  
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...shaft as well as a speed step-up transmission or gear system connecting the shaft...speed and over-speed controls. In one case, a...or by servo-motor control, thus either stalling...technique uses a control to rotate the rotor...larger conversion systems em- 45 play sophisticated...translation of upwind anemometer and electric load...  
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...prime propulsion systems and systems components, e.g., gas turbine...Category 08 Aircraft Stability and Control 407 Includes aircraft handling qualities piloting flight controls and autopilots. Category 09...astrodynamics ground support systems and facilities (space) launch...with the rotor axis at the tip of the wing (tilt rotor configuration)...  
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...anemometer I tip speed ratio. RV T/ UO U T turbine...T turbine rotational speed C T turbine rotor azimuthal... of the tower, variable speed, high tip speed ratio, free yaw with... via a radio telemetry system to a data collection...including the electrical and control systems, important aspects...  
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...AIAA-2005-0016 On Circumferential Phase- shift Condition...Session 3- ABP-2 High-Speed Inlets and Isolators...Scramjet Inlet at High Speed Y. Roman, H. Yan and...for Autogyros in Low- Speed Forward Flight M...AIAA-2005-0057 Diffused Tip Vortex Structure Generated...Wings via Separation Control D. Greenblatt. NASA...0930 AIAA-2005-0069 Systems- Level Space Environment...Performance of Finite Aspect- Ratio Flapping Foils H...  
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...Furthermore, pitch control is rarely used...at constant speed as this allows...remote area power system (RAPS). We will...so that the tip is higher than...as the wind speed varies to maintain...which is an anemometer and wind vane...measures the wind speed for use in determining...Vtip is the circumferential velocity of the blade tip in m/sec and...interpreted as the ratio of the actual...  
[http://www.wind.newcastle.edu.au/swt-notes/swt-notes-c...]  
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- ☐ 9. [Composite wind turbine rotor blade and method for making same](#)  
Johnston, J. Ford / Farone, William A. / Mikhail, Amir (DWR Wind Technologies Inc.), UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Dec 1990  
patno: US4976587  
...lateral loads. System 20 includes...semi-active yaw drive control system which causes...Typically, an anemometer (not shown...monitors wind speed so that under...wind turbine system, the housing... be varied to control the aerodynamic...based on the ratio of the coefficient...from 15% at the tip to 19% at the...a series of circumferentially spaced holes...  
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...communication with aircraft air navigation systems (satellite and ground based) and air traffic control. 05 Aircraft Design, Testing and Performance...Power 29 Includes prime propulsion systems and systems components, e.g., gas turbine engines...aircraft. 08 Aircraft Stability and Control 33 Includes aircraft handling qualities...  
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
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